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(54) PRODUCTION OF HIGH-MOLECULAR WEIGHT POLYLACTIC ACID AND POLYMER

(57)Abstract:

PROBLEM TO BE SOLVED: To produce a high-molecular weight polylactic acid suitable for molding in a short time without causing discoloration or decomposition at the time of increasing the molecular weight of the polylactic acid.

SOLUTION: A polylactic acid is irradiated with ultraviolet rays at $\geq 120 \text{ mW/cm}^2$ UV intensity and $\leq 400 \text{ nm}$ wavelength to thereby produce a high-molecular weight polylactic acid having a form suitable for molding.

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